

Abstract of the Disclosure:

## Protective Cap

5 The invention is directed to a protective cap (2) for a  
temperature measurement probe (30) of an infrared radiation  
thermometer (1) that can be introduced into a body cavity (31).  
The protective cap (2) is comprised of a base body (12) shaped  
to fit the body cavity (31) and having a window (15) transparent  
to infrared radiation. The base body (12) is provided with addi-  
10 tional structures (13; 18, 20) at least in parts to improve heat  
insulation between the temperature measurement probe (30) and  
the body cavity (31). This heat insulation of the temperature  
measurement probe (30) prevents measurement errors by the infra-  
red radiation thermometer (1).

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(FIG. 1)

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